

Date: Thursday, 08/05/2008 12:37:54 PM  
 User: Julie Lecocq

## Process Sheet

<b>Customer</b> :	CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> :	HELI UTILITY BASKET LH/RH 350/355
<b>Job Number</b> :	39132		
<b>Estimate Number</b> :	10208		
<b>P.O. Number</b> :		<b>Part Number</b> :	D350607043
<b>This Issue</b> :	08/05/2008	<b>S.O. No.</b> :	
<b>Prsht Rev.</b> :	NC	<b>Drawing Number</b> :	D350-607 REV F P7-9
<b>First Issue</b> :	08/05/2008	<b>Project Number</b> :	N/A
<b>Previous Run</b> :	39131	<b>Drawing Revision</b> :	F
		<b>Material</b> :	
<b>Written By</b> :		<b>Due Date</b> :	24/05/2008
<b>Checked &amp; Approved By</b> :	<u>JLD 08.5.08</u>	<b>Qty:</b>	1 Um: Each
<b>Comment</b> :	Est Rev:E as Per DS19318 06-01-24 JLM Est Rev:F ECN1068 07-12-21 DD verified by:		

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
----------------	------------------------------	----------------------

1.0	DC	DOCUMENT CONTROL
-----	----	------------------



**Comment:** DOCUMENT CONTROL  
 Photocopy bluefile & type labels per PPPD350-607-043 CHG004

*S* 08/07/01 JLD 08.5.12

2.0	39132A	BASKET LID ASSEMBLY
-----	--------	---------------------



**Comment:** Sub-Component BASKET LID ASSEMBLY  
 D2989-041 B 39132A

*EP* 08/07/01

3.0	39132B	BASKET LID ASSEMBLY
-----	--------	---------------------



**Comment:** Sub-Component BASKET LID ASSEMBLY  
 D2989-043 B 39132B

*EP* 08/07/01

4.0	39132C	BASKET BASE ASSEMBLY (350)
-----	--------	----------------------------



**Comment:** Sub-Component BASKET BASE ASSEMBLY (350)  
 D2221 B 39132C

*EP* 08/07/01

5.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



**Comment:** PACKAGING RESOURCE #1  
 Pick: Assembly Kit

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET.LH/RH 350/355.

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

6.0	NAS1515H4	Washer
-----	-----------	--------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 NAS1515H4 WASHER M166919

AS 08/06/25 (X)

7.0	D2022101	Spacer
-----	----------	--------



Comment: Qty.: 5.0000 Each(s)/Unit Total: 5.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

5 D2022-101 Spacer 37521

AS 08/06/25 (X)

8.0	D2258200	Placard 200lb
-----	----------	---------------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

1 D2258-200 Label 36848

AS 08/06/25 (X)

9.0	D2332041	Lid Prop Assembly 6.69" long
-----	----------	------------------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

1 D2332-041 Prop Ass'y 38797

AS 08/06/25 (X)

10.0	D2530	Handle Weldment
------	-------	-----------------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

1 D2530 Handle Weldment 37853

AS 08/06/25 (X)

11.0	D2535	Spring
------	-------	--------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2535 Spring 37071

AS 08/06/25 (X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI.UTILITY BASKET.LH/RH 350/355

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #:

Machine Or Operation:

Description :

12.0

D2537

Bushing



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2537

Bushing

39153

JS 08/06/25 (XU)

13.0

D27283

Dart Logo Label - large



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2728-3

Label

22553

JS 08/06/25 (XU)

14.0

D2931

Bumper



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 D2931

Bumper

21139

JS 08/06/25 (XU)

15.0

AN316A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN3-16A

Bolt

M100815

JS 08/06/25 (XU)

16.0

AN413A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN4-13A

Bolt

M107534

JS 08/06/25 (XU)

17.0

AN422A

Bolt



Comment: Qty.: 7.0000 Each(s)/Unit Total : 7.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

7 AN4-22A

Bolt

M104937

P 06/2001

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH 350/355

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #: Machine Or Operation: Description :

18.0 AN517A Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 AN5-17A Bolt M100815

JS 08/06/25 (X)

19.0 AN960JD8 Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN960JD8 Washer M107650

JS 08/06/25 (X)

20.0 AN960JD416 Washer



Comment: Qty.: 14.0000 Each(s)/Unit Total: 14.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

14 AN960JD416 Washer M107939

JS 08/06/25 (X)

21.0 AN960JD416L Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 AN960JD416L Washer M108138

JS 08/06/25 (X)

22.0 AN960JD516 Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 AN960JD516 Washer M107959

JS 08/06/25 (X)

23.0 AN9704 Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 AN970-4 Washer M108077

JS 08/06/25 (X)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI.UTILITY.BASKET LH/RH 350/355

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #:

Machine Or Operation:

Description :

24.0

MS20600AD4W3

Cherry Rivets



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 MS20600AD4W3 Rivet

M18071

AS 08/06/25 (X)

25.0

MS21042L3

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

2 MS21042L3 Nut (or -3)

M107665

AS 08/06/25 (X)

26.0

MS21042L4

Nut



Comment: Qty.: 9.0000 Each(s)/Unit Total : 9.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

9 MS21042L4 Nut (or -4)

M107478

AS 08/06/25 (X)

27.0

MS21042L5

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Assembly Kit

Qty Part Number Description Batch

4 MS21042L5 Nut (or -5)

M107939

AS 08/06/25 (X)

28.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D350-607

Seal Support Gusset with Sikaflex -291

Batch: M107804

Exp Date: 10/2008

E 308/07/01 02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH 350/355

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #:

Machine Or Operation:

Description :

29.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

08/07/01 (Y)

30.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick: Packing Kit

31.0

D22301

Lug



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

4 D2230-1

Lug

39315

08/06/25 (Y)

32.0

D22303

Lug



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

4 D2230-3

Clamp

B38919

08/06/25 (Y)

33.0

D23241

Strut Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

1 \*D2324-1

Strut Ass'y

36749

08/06/25 (Y)

34.0

D2732

Rubber Extrusion



Comment: Qty.: 2.0000 f(s)/Unit Total : 2.0000 f(s)

Rubber Extrusion

8x D2732-030 (cut to 3")

Batch:

37632

08/06/25 (Y)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH 350/355

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #:

Machine Or Operation:

Description :

35.0

AN412A

Bolt



Comment: Qty.: 5.0000 Each(s)/Unit Total : 5.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

5 AN4-12A

Bolt

M65143

AS 08/06/25 (X)

36.0

AN413A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

2 AN4-13A

Bolt

M107534

AS 08/06/25 (X)

37.0

AN415A

Bolt



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Bolt

Batch:

M107737

AS 08/06/25 (X)

38.0

AN960JD416

Washer



Comment: Qty.: 26.0000 Each(s)/Unit Total : 26.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

26 AN960JD416

Washer

M107939

AS 08/06/25 (X)

39.0

MS21042L4

Nut



Comment: Qty.: 13.0000 Each(s)/Unit Total : 13.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

13 MS21042L4

Nut (or -4)

M107478

AS 08/06/25 (X)

40.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

S 00671700

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 08/05/2008 12:37:54 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HELI UTILITY BASKET LH/RH 350/355

Job Number: 39132

Part Number: D350607043

Job Number:



Seq. #:

Machine Or Operation:

Description :

41.0

PACKAGING 1

PACKAGING RESOURCE #1



(H)

Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D350-607-043

Location: F

42.0

QC21

FINAL INSPECTION/W/O RELEASE



08/07/02

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-07-02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

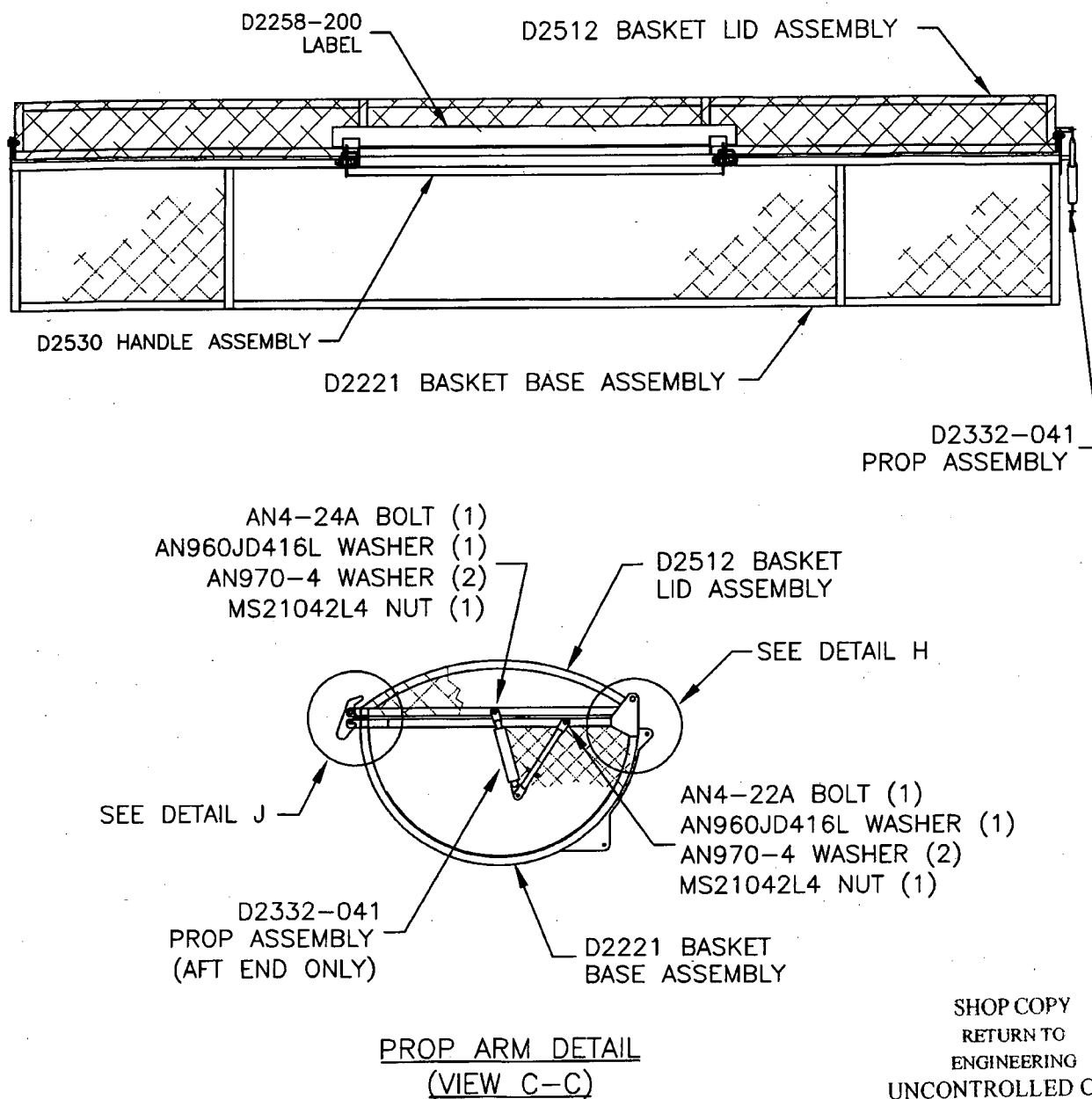
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



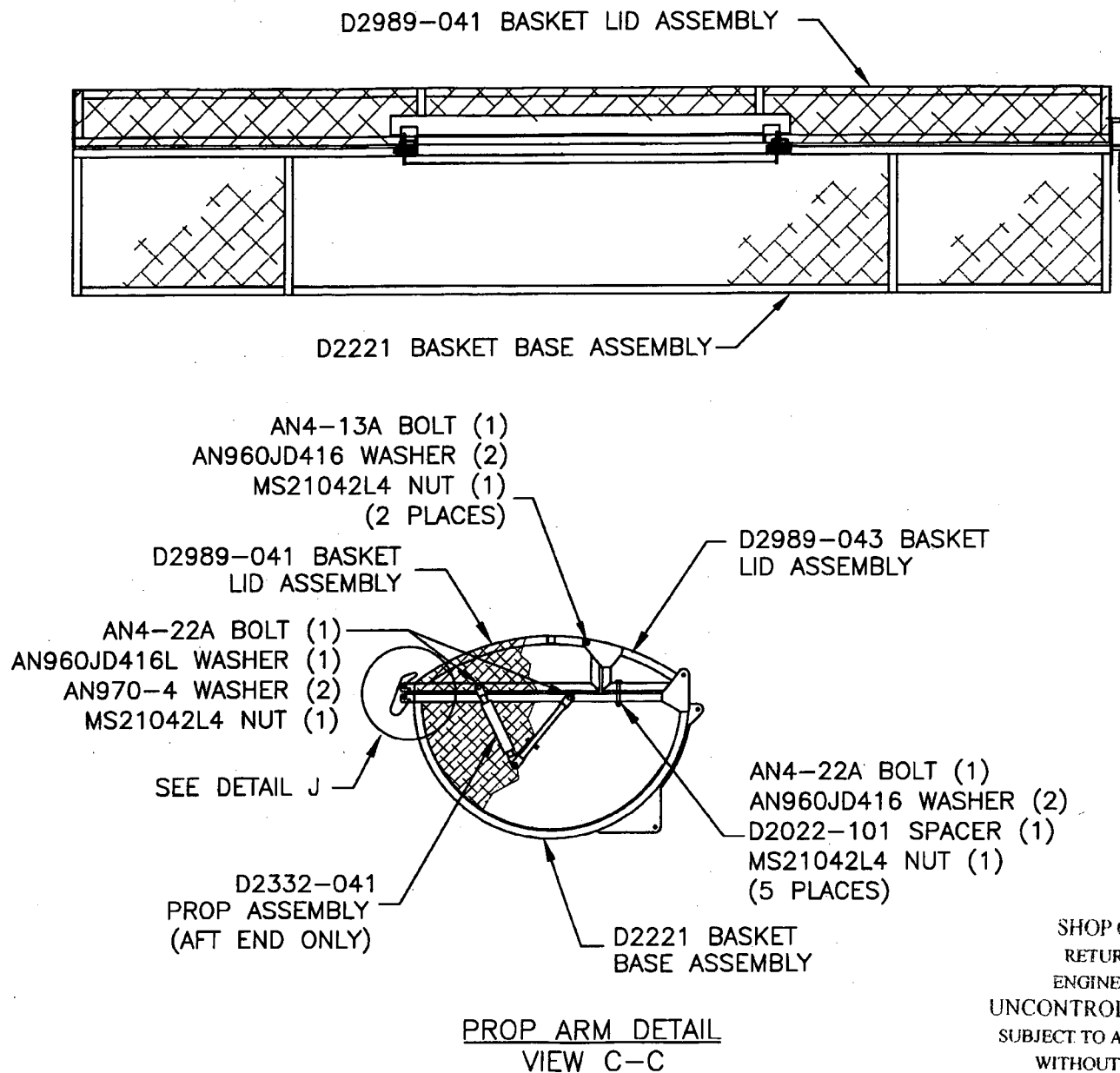


**Figure 4 – Basket Replacement Parts**  
(D350-607-041 Heli-Utility-Basket™)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 39132

• COPYRIGHT © 1994 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: F  
Date: 03.01.17



SHOP COPY  
 RETURN TO  
 ENGINEERING  
 UNCONTROLLED COPY  
 SUBJECT TO AMENDMENT  
 WITHOUT NOTICE  
 WORK ORDER  
 NO. 39132

**Figure 5- Basket Replacement Parts**  
 (D350-607-043 Heli-Utility-Basket™)

• COPYRIGHT © 1994 BY DART AEROSPACE LTD. •  
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: F  
 Date: 03.01.17

## 4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-041/-043 (LH installation)	88 lb 39.9 kg	- 48 in - 1.22 m	- 4224 in-lb - 48.7 m-kg	135 in 3.43 m	-11880 in-lb -136.9 m-kg
D350-607-041/-043 (RH installation)	88 lb 39.9 kg	+ 48 in + 1.22 m	+ 4224 in-lb + 48.7 m-kg	135 in 3.43 m	11880 in-lb 136.9 m-kg

## 5. PARTS LIST

Qty -041	Qty -043	Part Number	Description
X		D350-607-041	HELI-UTILITY-BASKET
	X	D350-607-043	HELI-UTILITY-BASKET
2	5	D2022-101	SPACER
1	1	D2221	BASKET BASE ASSEMBLY
4	4	D2230-1	LUG
4	4	D2230-3	CLAMP
1	1	D2258-200	LABEL
1	1	D2324	STRUT
1	1	D2332-041	PROP ASSEMBLY
1		D2512	BASKET LID ASSEMBLY
1	1	D2530	HANDLE WELDMENT
2	2	D2535	SPRING
2	2	D2537	BUSHING
4	4	D2856-400-720	ABRASION STRIP
2	2	D2931	BUMPER
	1	D2989-041	BASKET LID ASSEMBLY (OUTSIDE)
	1	D2989-043	BASKET LID ASSEMBLY (INSIDE)
2	2	AN3-16A	BOLT
2		AN4-7A	BOLT
5	5	AN4-12A	BOLT
8	10	AN4-13A	BOLT
1	7	AN4-22A	BOLT
1		AN4-24A	BOLT
4	4	AN5-17A	BOLT
2	2	MS20600AD4W3	RIVET (OR CR9163-4-3)
28	40	AN960JD416	WASHER
2	2	AN960JD416L	WASHER
4	4	AN960JD516	WASHER
2	2	AN960JD8	WASHER
4	4	AN970-4	WASHER
2	2	MS21042L3	NUT (OR MS21042-3)
17	22	MS21042L4	NUT (OR MS21042-4)
4	4	MS21042L5	NUT (OR MS21042-5)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 39132

• COPYRIGHT © 1994 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: F

Date: 03.01.17

**DART**

DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9318	REV. A SHEET 1 OF 1
DATE 06.01.06		TITLE WASHER ADDITION	SCALE NTS
A	06.01.06	NEW ISSUE	

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607 REV. F

REF. CANADIAN STC: SH94-14 ISSUE 4

REF. FAA STC: SR00213NY

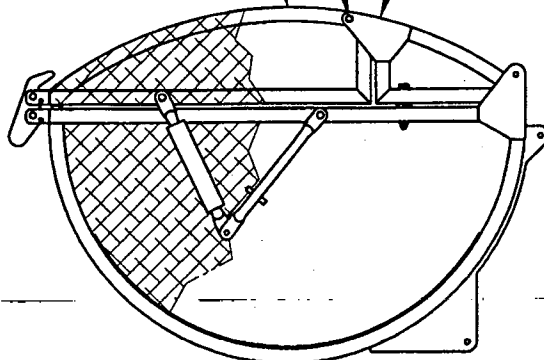
To reduce the possibility of damaging the finish, a **NAS1515H4** washer (2 places) has been added between the hinge plate and basket frame on the **D350-607-043/-047 Heli-Utility-Basket**.

The corrected bolt stackup from Figure 5 of installation instructions D350-607 Rev. F is given below:

AN4-13A BOLT (1)  
AN960JD416 WASHER (1)  
HINGE PLATE (REF)  
**NAS1515H4 WASHER (1)**  
BASKET FRAME (REF)  
AN960JD416 WASHER (1)  
MS21042L4 NUT (1)  
(2 PLACES)

BASKET FRAME (REF)

HINGE PLATE (REF)



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 39132

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE #02)

DATE: 06.01.06  
CERT. NO.: SH94-14  
ISSUE NO.: 4

Copyright © 2006 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Date: Thursday, 08/05/2008 12:38:01 PM  
 User: Julie Lecocq

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : BASKET LID ASSEMBLY
<b>Job Number</b> : 39132A	
<b>Estimate Number</b> : 10206	
<b>P.O. Number</b> :	<b>Part Number</b> : D2989041
<b>This Issue</b> : 08/05/2008 <b>S.O. No.</b> :	<b>Drawing Number</b> : D2989 UNDER REVIEW <i>ptf</i> 08.05.08
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : 08/05/2008 <b>Type</b> : LARGE FAB ASSY	<b>Drawing Revision</b> : B
<b>Previous Run</b> : 39131A	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 24/05/2008 <b>Qty:</b> 1 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <i>JUD 08.5.08</i>	
<b>Comment</b> : Est Rev:I Removed D2989-043 05-11-03 JLM	

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
----------------	------------------------------	----------------------

1.0	D31663	Basket Hoop
-----	--------	-------------



**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty.(1) D3166-3 Batch: *B38780**SAD 08/05/28 (D)*

2.0	D2581	Mounting Bracket
-----	-------	------------------



**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part number Description Batch

2 D2581 Mounting Brackets *B39046* ✓*PD 08-06-20*

3.0	D23273	Spacer Bushing
-----	--------	----------------



**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part number Description Batch

2 D2327-3 Bushing *375411* ✓*FC 08 06 11*

4.0	D2506	Label Plate
-----	-------	-------------



**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part number Description Batch

1 D2506 Label Plate *B37446* ✓*LD 08/06/26*

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 08/05/2008 12:38:01 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET LID ASSEMBLY

Job Number: 39132A

Part Number: D2989041

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

M304EX07516F

Expanded Metal Flat Stai



Comment: Qty.: 15.0000 sf(s)/Unit Total : 15.0000 sf(s)

Pick:

Qty Part number Description Batch

15sf M304EX0.75-16F Expanded Metal

M107856

SAD

08/05/29

①

6.0

M304TS0750W065

304 SQ Tube.75x.75x.065W



Comment: Qty.: 31.7709 f(s)/Unit Total : 31.7709 f(s)

3/4" x 3/4" x 0.065" wall 304/316 SStubing.

Batch:

M108063

(26.2776)

M107815

(6.5533)

SAD

08/05/29

①

7.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut (4) D2236-1 From D3166-3 As Per Dwg D2989

2-Drill holes in tubing as D2989-041 per Dwg D2989

3-Deburr and remove all markings on material

4-Weld as per Dwg D2989 and D2989-041 Assembly using Welding Table and corner Jig. Deburr as required

Note: Expanded metal "diamonds" must run lengthwise. Eg 2.0" along length of lid

5-Drill Ø0.257" hole as D2989-041 per Dwg D2989 Identify as D2989-041

8.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

10.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

1-Powder Coat White (Ref. 4.3.5.2) D2989-041 as per QSI 005 4.3 & Dwg D2989

M.A.

08/06/27

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



Date: Thursday, 08/05/2008 12:38:01 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET LID ASSEMBLY

Job Number: 39132A

Part Number: D2989041

Job Number:



Seq. #:

Machine Or Operation:

Description :

2-Wing walk D2989-041 as per Dwg D2989 and QSI 005 4.4

Spray Paint Black:

Wing Walk:

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

2:35

400°

3:05

M

107925

200AT

3:20

400°

3:50

M-2

08/06/27

①

BR 0806-26

11.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



21



Comment: Inspect Powder Coat and Wing Walk

08-06-27

②

12.0

QC21

FINAL INSPECTION/W/O RELEASE



08/07/02

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-07-02

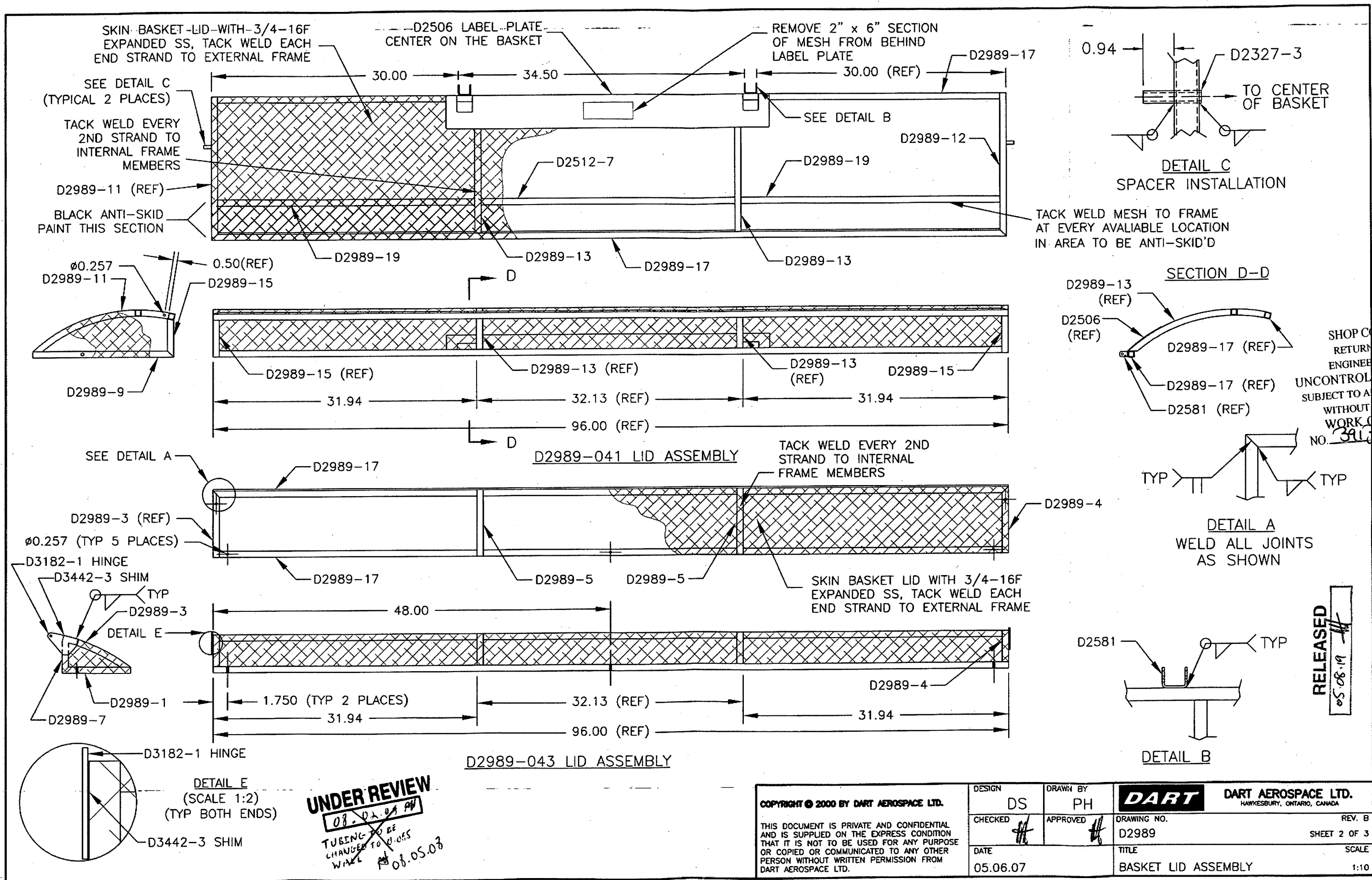
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

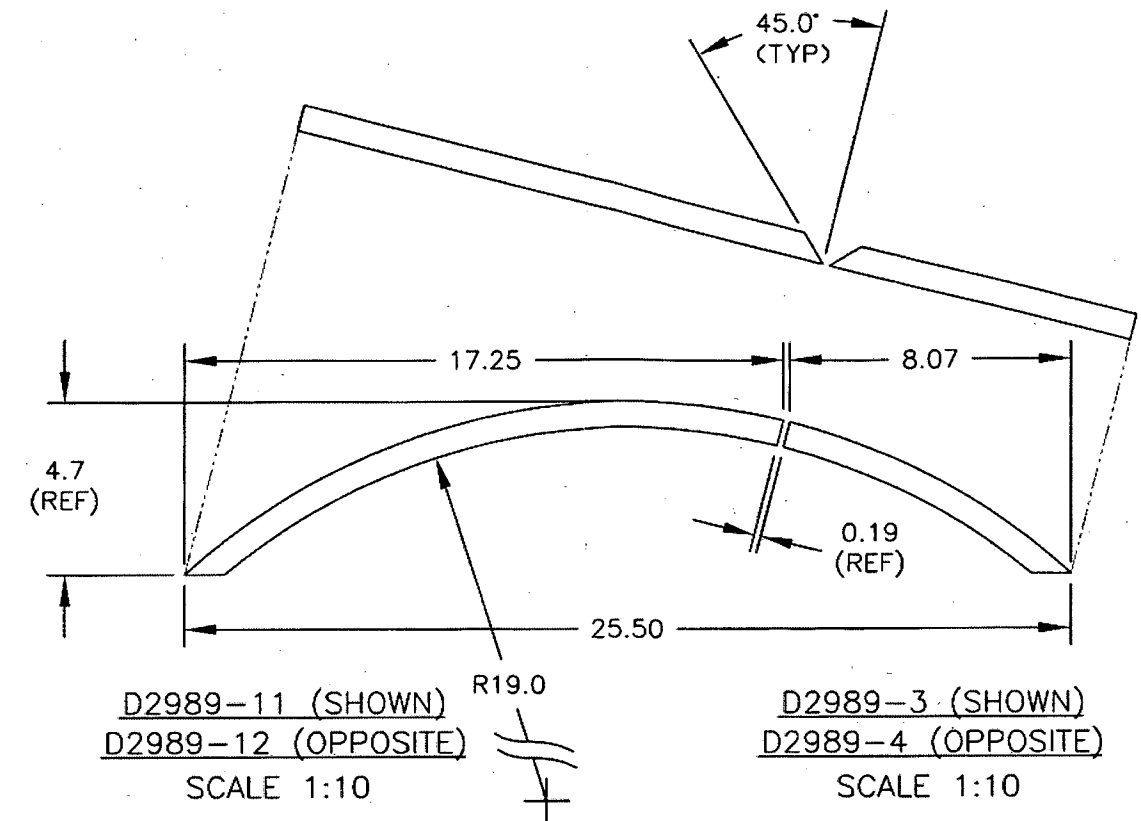
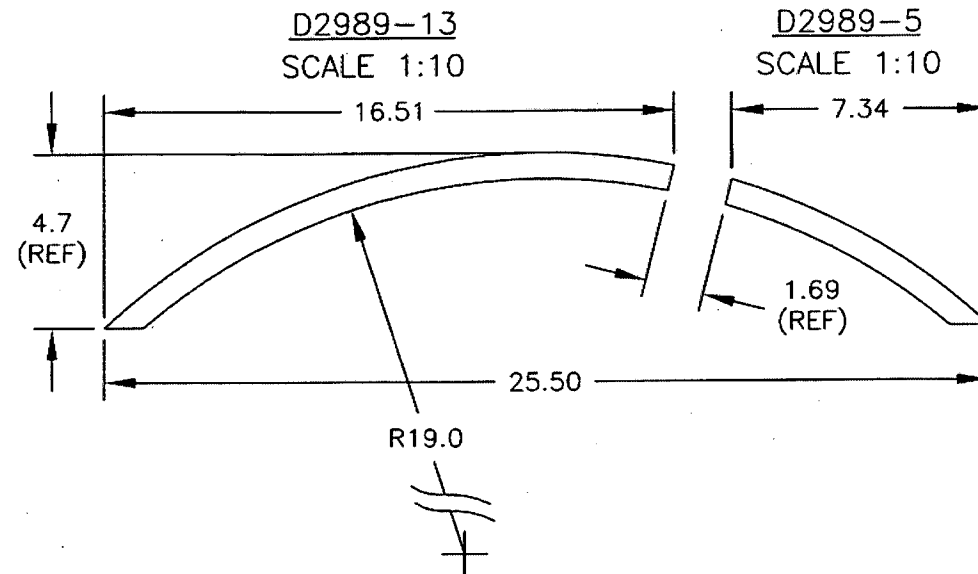
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

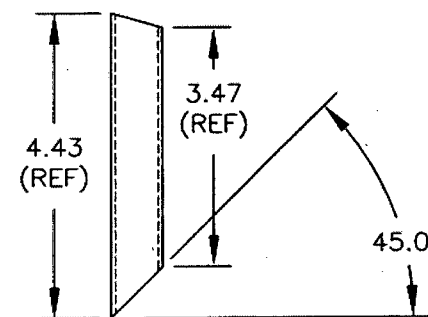
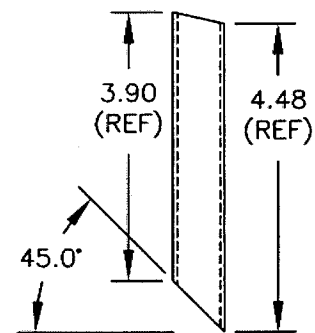
NOTE: Date & initial all entries



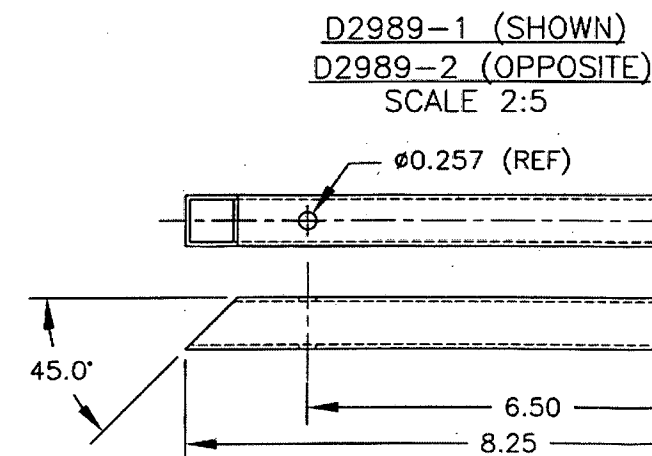
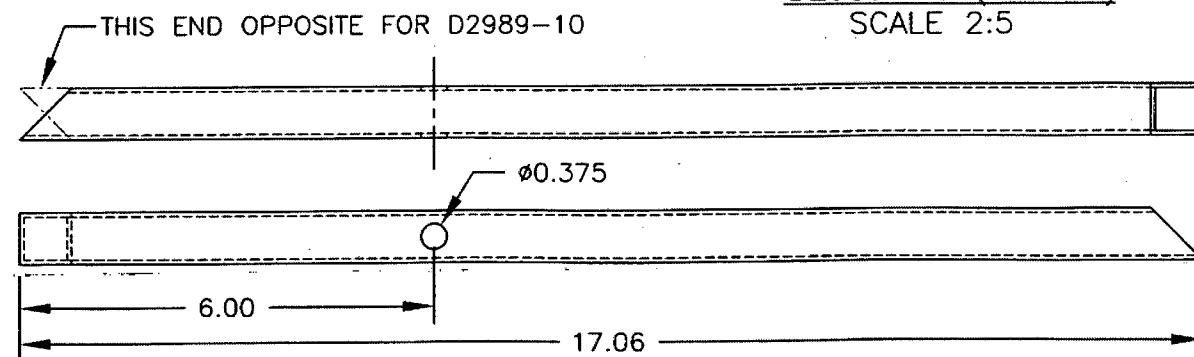


D2989-15  
SCALE 2:5  
(DIMENSIONS LISTED AS REFERENCE ONLY, CUT TO FIT ASSEMBLY)

D2989-7  
SCALE 2:5  
(DIMENSIONS LISTED AS REFERENCE ONLY, CUT TO FIT ASSEMBLY)



D2989-9 (SHOWN)  
D2989-10 (SIMILAR)  
SCALE 2:5



**UNDER REVIEW**  
08.05.08 PH  
TUBING TO BE  
CHANGED TO 0.065  
WALL  
08.05.08

THIS END OPPOSITE  
FOR D2989-2

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 39132B

**RELEASED**

05.08.19

COPYRIGHT © 2000 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL  
AND IS SUPPLIED ON THE EXPRESS CONDITION  
THAT IT IS NOT TO BE USED FOR ANY PURPOSE  
OR COPIED OR COMMUNICATED TO ANY OTHER  
PERSON WITHOUT WRITTEN PERMISSION FROM  
DART AEROSPACE LTD.

DESIGN DS	DRAWN BY PH	<b>DART</b>	DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA
CHECKED PH	APPROVED PH	DRAWING NO. D2989	REV. B SHEET 3 OF 3
DATE 05.06.07		TITLE BASKET LID ASSEMBLY	SCALE 1:10



Date: Thursday, 08/05/2008 12:38:07 PM  
 User: Julie Lecocq

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : BASKET LID ASSEMBLY
<b>Job Number</b> : 39132B	
<b>Estimate Number</b> : 10207	
<b>P.O. Number</b> :	<b>Part Number</b> : D2989043 <i>PA 08.05.08</i>
<b>This Issue</b> : 08/05/2008 <b>S.O. No.</b> :	<b>Drawing Number</b> : D2989 <del>UNDER REVIEW</del>
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : 08/05/2008 <b>Type</b> : LARGE FAB ASSY	<b>Drawing Revision</b> : B
<b>Previous Run</b> : 39131B	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 24/05/2008 <b>Qty:</b> 1 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <i>JUL 08.5.08</i>	
<b>Comment</b> : Est Rev:1 Removed D2989-041 05-11-03 JLM	

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
----------------	------------------------------	----------------------

1.0	D31821	Hinge
-----	--------	-------



**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part number	Description	Batch
2 D3182-1	Hinge	<i>B39336</i> ✓

*PD 08-06-20*

2.0	D34423	Shim
-----	--------	------



**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part number	Description	Batch
2 D3442-3	Shim	<i>B37160</i> ✓

*PD 08-06-20*

3.0	M304EX07516F	Expanded Metal Flat Stai
-----	--------------	--------------------------



**Comment:** Qty.: 8.0000 sf(s)/Unit Total : 8.0000 sf(s)

Pick:

Qty Part number	Description	Batch
8sf M304EX0.75-16F Expanded Metal		<i>M167 356</i> ✓

*SAD 08/05/29*

4.0	M304TS0750W065	304 SQ Tube.75x.75x.065W
-----	----------------	--------------------------



**Comment:** Qty.: 17.6400 f(s)/Unit Total : 17.6400 f(s)

3/4" x 3/4" x 0.065" wall 304/316 SStubing.

Batch: *M102063**SAD 08/05/29 (1)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 08/05/2008 12:38:07 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET LID ASSEMBLY

Job Number: 39132B

Part Number: D2989043

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut (4) D2236-1 From D3166-3 As Per Dwg D2989

Note: D2989-3/-4 On -041 Bom

SAP

08/05/24

①

2-Drill holes in tubing as D2989-043 per Dwg D2989

3-Deburr and remove all markings on material

4-Weld as per Dwg D2989 and D2989-043 Assembly using Welding Table and corner Jig. Deburr as required

Note: Expanded metal "diamonds" must run lengthwise. Eg 2.0" along length of lid

PD 08-06-24  
08/06/24

6.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

08/06/25

7.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

08/06/25

8.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

1-Powder Coat White (Ref. 4.3.5.2) D2989-041 as per QSI 005 4.3 & Dwg D2989

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

1 COAT  
2:35  
400°  
3:05

107925  
2 COAT 3:20  
H00°  
3:50

08-06-26

①

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: Inspect Powder Coat

08-06-27

②



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 08/05/2008 12:38:07 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET LID ASSEMBLY

Job Number: 39132B

Part Number: D2989043

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

QC21

FINAL INSPECTION/W/O RELEASE



08/07/08 JF

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-07-08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN DS	DRAWN BY PH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2989	REV. B SHEET 1 OF 3
DATE 05.06.07		TITLE BASKET LID ASSEMBLY	SCALE NTS
A	00.10.27	NEW ISSUE	
B	05.06.07	ADD SHIM UNDER HINGES, UPDATE LID DIMENSIONS	

RELEASED

05-08-19 *[Signature]*

PARTS LIST:

Qty -041	Qty -043	Part Number	Description
X		D2989-041	BASKET LID ASSEMBLY (OUTSIDE)
	X	D2989-043	BASKET LID ASSEMBLY (INSIDE)
	1	D2989-1	STRUT
	1	D2989-2	STRUT
	1	D2989-3	STRUT
	1	D2989-4	STRUT
	2	D2989-5	STRUT
	2	D2989-7	STRUT
1		D2989-9	STRUT
1		D2989-10	STRUT
1		D2989-11	STRUT
1		D2989-12	STRUT
2		D2989-13	STRUT
2		D2989-15	STRUT
2		D2327-3	SPACER BUSHING
1		D2506	LABEL PLATE
2	2	D2989-17	STRUT (96.00" LONG)
2		D2989-19	STRUT (31.19" LONG)
1		D2512-7	STRUT
2		D2581	MOUNTING BRACKET
	2	D3182-1	HINGE
	2	D3442-3	SHIM

UNDER REVIEW

08.05.08 *[Signature]*  
TUBING TO BE  
CHANGED TO 0.065  
WALL

08.05.08

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 39132A

NOTES:

- 0.065 *[Signature]* 08.05.08
- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x 0.060 WALL SQUARE TUBING  
D2989-3/4/5/11/12/13 CAN BE MADE FROM D2236
  - 2) MESH MATERIAL: 3/4-16F EXPANDED SS (REF DART SPEC M304EX0.75-16F)
  - 3) WELD PER DART QSI 004
  - 4) FINISH: POWDER COAT WHITE (REF. 4.3.5.2) PER DART QSI 005 4.3.  
BLACK-ANTI-SKID-PAINT AS INDICATED PER DART-QSI-005 4.4. SPRAY-PAINT  
INSIDE SURFACE BLACK PRIOR TO APPLYING ANTI-SKID.
  - 5) ALL DIMENSIONS ARE IN INCHES
  - 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 2000 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

**DART**

DESIGN DS	DRAWN BY PH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>H</i>	APPROVED <i>H</i>	DRAWING NO. D2989	REV. B SHEET 1 OF 3
DATE 05.06.07		TITLE BASKET LID ASSEMBLY	SCALE NTS
A	00.10.27	NEW ISSUE	
B	05.06.07	ADD SHIM UNDER HINGES, UPDATE LID DIMENSIONS	

**RELEASED**05.08.19 *H***PARTS LIST:**

Qty -041	Qty -043	Part Number	Description
X		D2989-041	BASKET LID ASSEMBLY (OUTSIDE)
	X	D2989-043	BASKET LID ASSEMBLY (INSIDE)
	1	D2989-1	STRUT
	1	D2989-2	STRUT
	1	D2989-3	STRUT
	1	D2989-4	STRUT
	2	D2989-5	STRUT
	2	D2989-7	STRUT
1		D2989-9	STRUT
1		D2989-10	STRUT
1		D2989-11	STRUT
1		D2989-12	STRUT
2		D2989-13	STRUT
2		D2989-15	STRUT
2		D2327-3	SPACER BUSHING
1		D2506	LABEL PLATE
2	2	D2989-17	STRUT (96.00" LONG)
2		D2989-19	STRUT (31.19" LONG)
1		D2512-7	STRUT
2		D2581	MOUNTING BRACKET
	2	D3182-1	HINGE
	2	D3442-3	SHIM

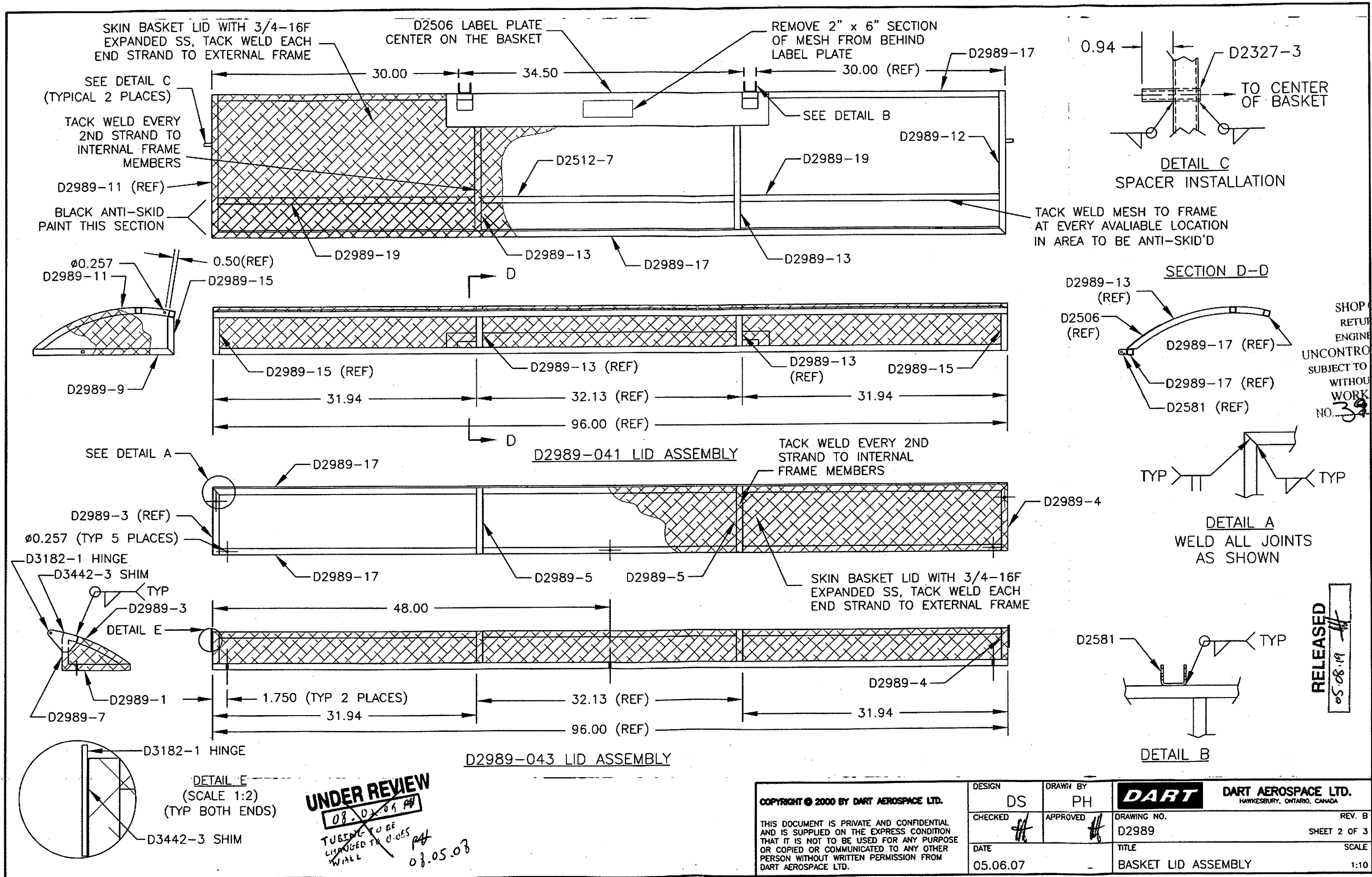
**NOTES:**

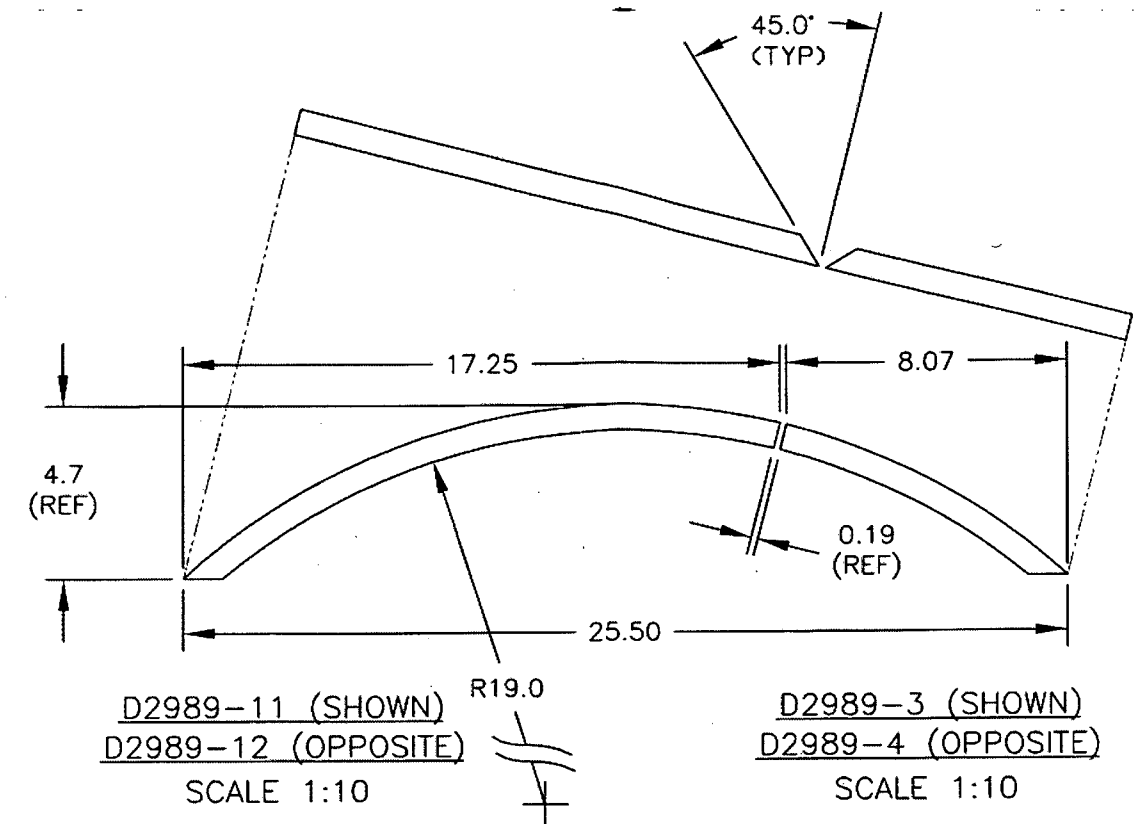
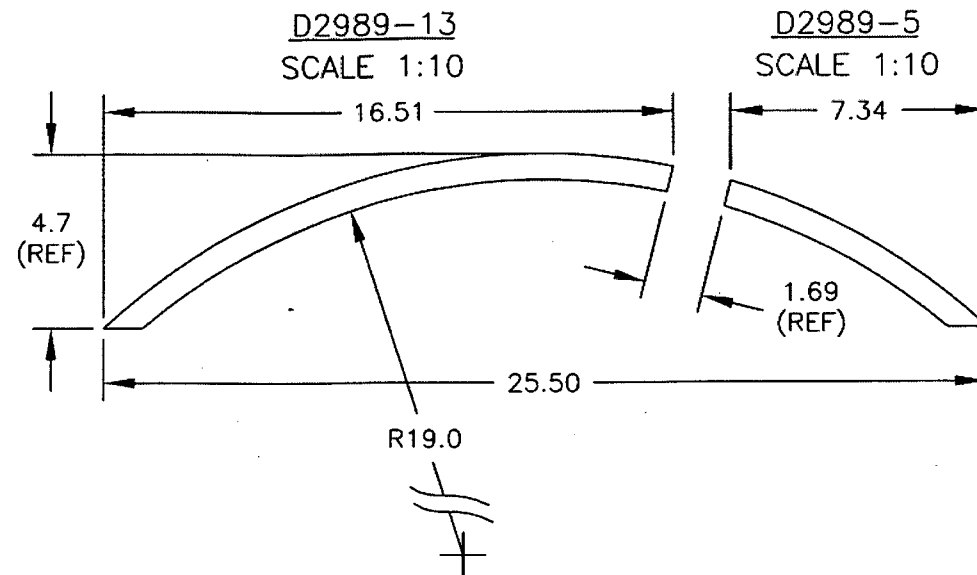
- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x ~~0.060~~ <sup>0.065</sup> WALL SQUARE TUBING  
D2989-3/4/5/11/12/13 CAN BE MADE FROM D2236
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS (REF DART SPEC M304EX0.75-16F)
- 3) WELD PER DART QSI 004
- 4) FINISH: POWDER COAT WHITE (REF. 4.3.5.2) PER DART QSI 005 4.3.  
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4. SPRAY PAINT  
INSIDE SURFACE BLACK PRIOR TO APPLYING ANTI-SKID.
- 5) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 2000 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

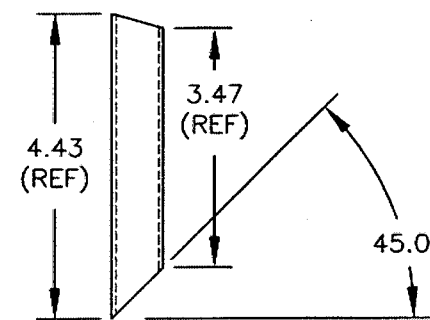
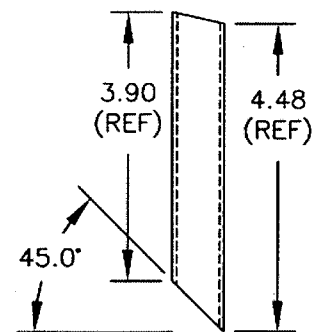
NO WORK ORDER  
WITHOUT NOTICE  
SUBJECT TO AMENDMENT  
UNCONTROLLED COPY  
RETURN TO  
ENGINEERING  
SHOP COPY**UNDER REVIEW**08.02.05 *H*  
TUBING TO BE  
CHANGED TO 0.065  
WALL  
08.05.03SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 38132B





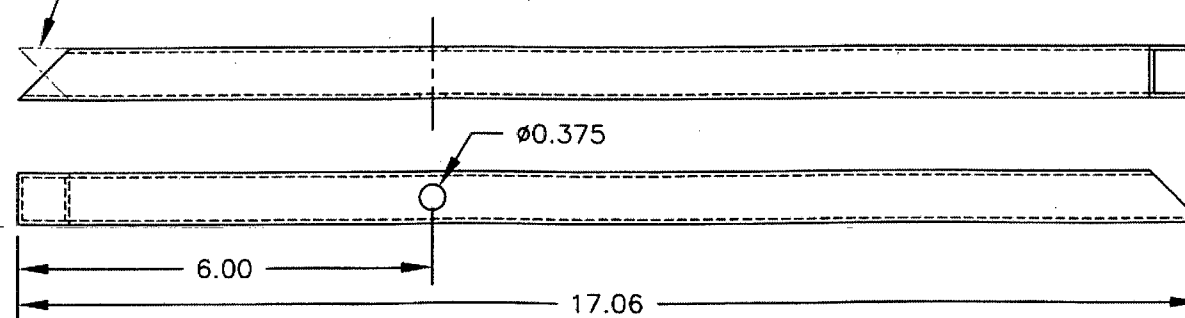
D2989-15  
SCALE 2:5  
(DIMENSIONS LISTED AS REFERENCE ONLY, CUT TO FIT ASSEMBLY)

D2989-7  
SCALE 2:5  
(DIMENSIONS LISTED AS REFERENCE ONLY, CUT TO FIT ASSEMBLY)

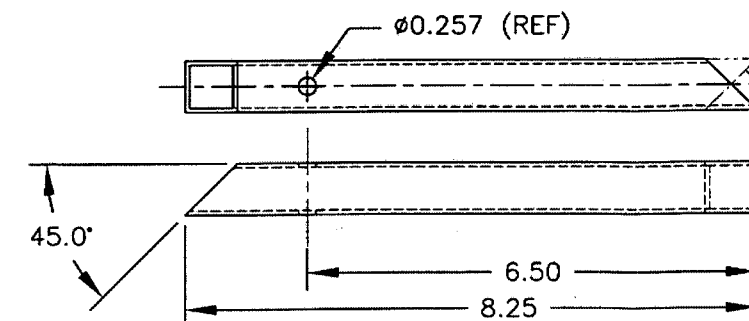


D2989-9 (SHOWN)  
D2989-10 (SIMILAR)  
SCALE 2:5

THIS END OPPOSITE FOR D2989-10



D2989-1 (SHOWN)  
D2989-2 (OPPOSITE)  
SCALE 2:5



**UNDER REVIEW**  
08.08.08 PH  
TUBING TO BE  
CHANGED TO 0.055  
WALL  
PH  
08.05.08

THIS END OPPOSITE  
FOR D2989-2

**RELEASED**

05.08.19

SHOW COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 39132B

COPYRIGHT © 2000 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL  
AND IS SUPPLIED ON THE EXPRESS CONDITION  
THAT IT IS NOT TO BE USED FOR ANY PURPOSE  
OR COPIED OR COMMUNICATED TO ANY OTHER  
PERSON WITHOUT WRITTEN PERMISSION FROM  
DART AEROSPACE LTD.

DESIGN DS	DRAWN BY PH	<b>DART</b>	DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA
CHECKED PH	APPROVED PH	DRAWING NO. D2989	REV. B SHEET 3 OF 3
DATE 05.06.07	TITLE BASKET LID ASSEMBLY	SCALE 1:10	

Date: Thursday, 08/05/2008 12:38:17 PM  
 User: Julie Lecocq

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: BASKET BASE ASSEMBLY (350)
Job Number	: 39132C		
Estimate Number	: 10189		
P.O. Number	:	Part Number	: D2221 <i># 08.05.08</i>
This Issue	: 08/05/2008 S.O. No. :	Drawing Number	: D2221 <del>U/R</del> D2235
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: 08/05/2008 Type : LARGE FAB ASSY	Drawing Revision	: F/B1
Previous Run	: 39131C	Material	:
Written By	:	Due Date	: 24/05/2008 Qty: 1 Um: Each
Checked & Approved By	: <i>JLD 08.5.08</i>		
Comment	: Est Rev:J 05.09.02 Added D3442-1KJ/JLM		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	D31661	Basket Hoop
-----	--------	-------------



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

4 D3166-1 RIB *B39048**SAD 08/05/28 ①*

2.0	D22323	Basket Hinge
-----	--------	--------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D2232-3 Hinge bracket *B 36846**SJ 08/06/05*

3.0	D2325	Support Gusset (350 Basket)
-----	-------	-----------------------------



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number Description Batch

4 D2325 Support Gusset *B 38741**SJ 08/06/05*

4.0	D23273	Spacer Bushing
-----	--------	----------------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D2327-3 Bushing *B 37541**SJ 08/06/05*



W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 08/05/2008 12:38:17 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSEMBLY (350)

Job Number: 39132C

Part Number: D2221

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D2581

Mounting Bracket



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D2581 Mounting Bracket B37248

*SL* 08/06/05

6.0

D34421

Shim



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 D3442-1 Shim B37615

*SL* 08/06/05

7.0

M304EX07516F

Expanded Metal Flat Stai



Comment: Qty.: 41.6745 sf(s)/Unit Total : 41.6745 sf(s)

Pick:

Qty Part Number Description Batch

39.69 sf M304EX0.75-16F Expanded Metal M107856

*SAD* 08/05/27 (1)

8.0

M304TS0750W065

304 SQ Tube.75x.75x.065W



Comment: Qty.: 29.4000 f(s)/Unit Total : 29.4000 f(s)

Pick:

28' 3/4" x 3/4" x 0.063 wall 304/316 SStubing

Batch: M108063

*SAD* 08/05/29 (1)

9.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut D2235-1 Rib from D3166-1 Rib As Per Dwg D2235

*SAD* 08/05/29 (1)

2-Drill hole in D2221-3 as per Dwg D2221

3-Deburr

4-Remove all markings on material before welding

5-Weld as per Dwg D2221 using Welding Table and corner JigDeburr as required

*SL* 08/06/24  
*PD* 08-06-23  
*FC* 08 06 23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Thursday, 08/05/2008 12:38:17 PM  
User: Julie Lecocq

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSEMBLY (350)

Job Number: 39132C

Part Number: D2221

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

10/09/06/25

11.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

5 08/06/25

12.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

START TIME:

8:35AM

OVEN TEMPERATURE:

400°F

FINISH TIME:

9:05AM

08-06-27

13.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

08/06/27

14.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/07/02

Job Completion



mf 08-07-02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

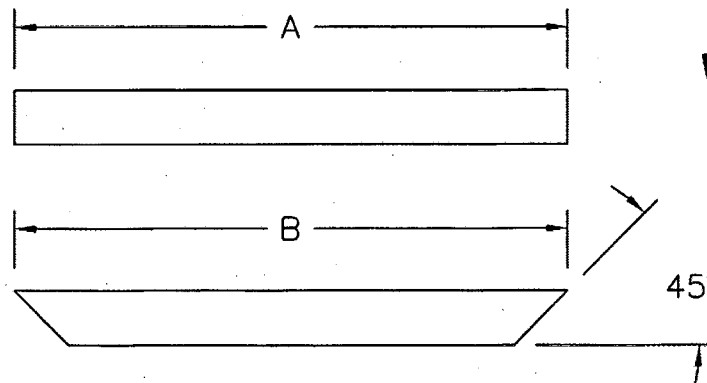
**DART**

DESIGN BW	DRAWN BY PH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2221	REV. F SHEET 1 OF 3
DATE 05.06.07		TITLE BASKET BASE ASSEMBLY (350)	SCALE NTS
C	95.11.21	SEPARATE BASKET AND LID	
D	96.06.21	CHANGE LATCH	
E	01.04.19	CHANGE HINGE	
F	05.06.07	ADD SHIM UNDER HINGES, ADD HOLES FOR SPLIT LID BASKETS	

**RELEASED**05.08.19 *[Signature]***PARTS LIST FOR D2221 BASKET BASE ASSEMBLY**

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D2221-1	2	—	96.00	RIB
D2221-3	2	—	25.50	RIB
D2221-5	2	18.88	—	RIB
D2221-7	1	55.25	—	RIB
D2232-3	2	N/A	N/A	HINGE PLATE
D2235-1	4	N/A	N/A	RIB
D2325	4	N/A	N/A	SUPPORT GUSSET
D2327-3	2	N/A	N/A	BUSHING
D2581	2	N/A	N/A	MTG BRKT
D3442-1	2	N/A	N/A	SHIM

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO 39132C



**UNDER REVIEW**  
08.02.05 *[Signature]*  
TUBING TO BE  
CHANGED TO 0.065  
WALL

**D2221-1/-3/-5/-7**

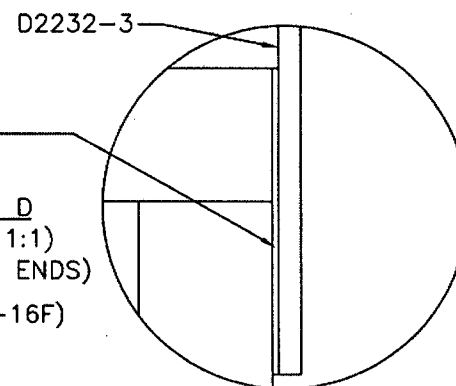
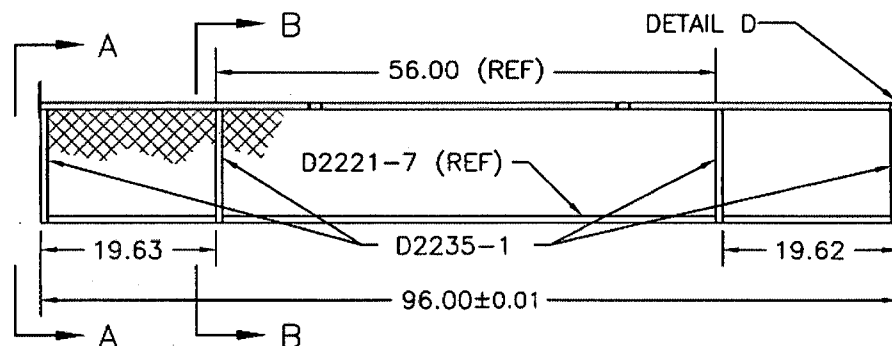
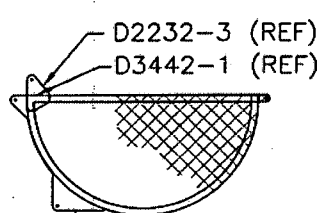
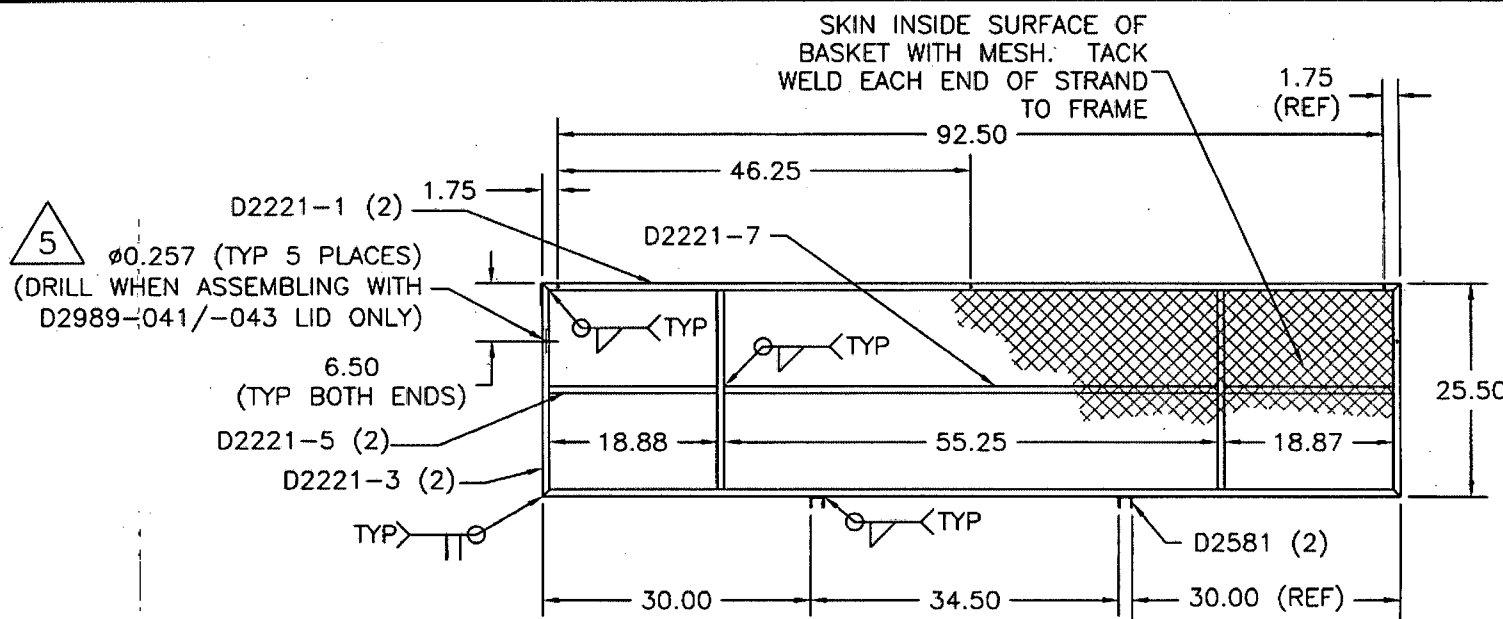
- 1) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
- 2) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING  
(REF. DART SPEC M304TS0.750W.065) 0.065 *[Signature]* 08.05.03
- 3) TOLERANCES ARE PER DART-QSI 018-UNLESS-OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) DRILL Ø0.257 HOLES ONLY WHEN ASSEMBLING D2221 BASE WITH  
D2989-041/-043 BASKET LID

**Copyright © 1994 by DART AEROSPACE LTD**

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

# DART

DESIGN	BW	DRAWN BY	PH	DART AEROSPACE LTD
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA
DATE	05.06.07	TITLE	D2221	REV. F
				SHEET 2 OF 3
				SCALE 1:20



**UNDER REVIEW**

08.02.08 PH

TUBING TO BE CHANGED TO 0.065 WALL PH

08.05.08

**RELEASED**

05.08.19 PH

## D2221 BASKET BASE ASSEMBLY

- MESH MATERIAL: 3/4-16F EXPANDED SS (REF DART SPEC M304EX0.75-16F)
- WELD PER DART QSI 004
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3

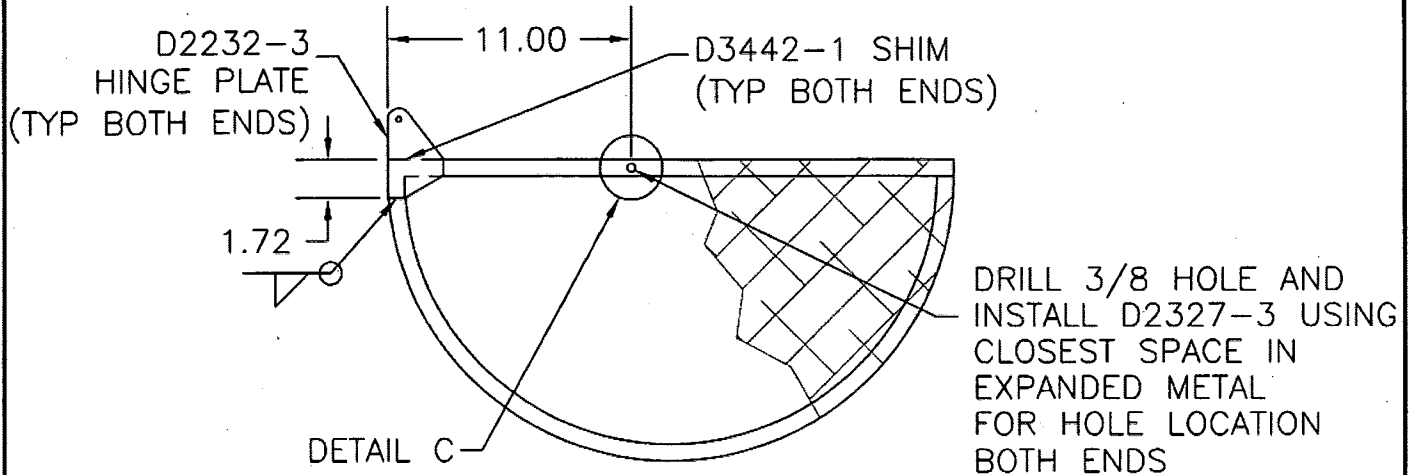
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Copyright © 1994 by DART AEROSPACE LTD

NO. 341302  
WORK ORDER  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
UNCONTROLLED COPY  
RETURN TO  
ENGINEERING  
SHOP COPY

**DART**

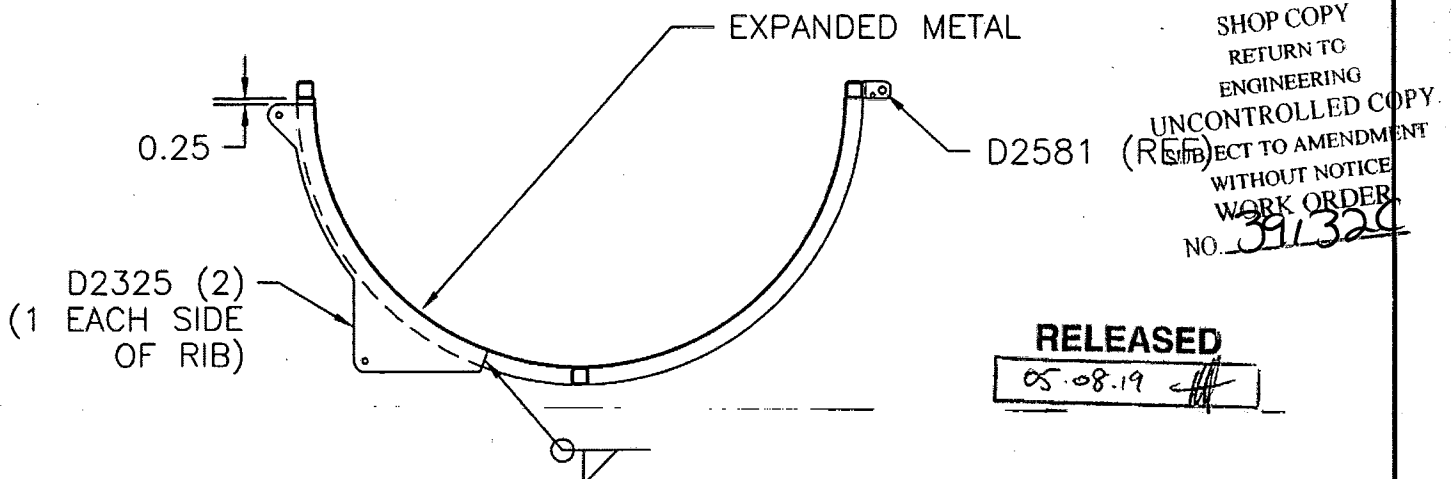
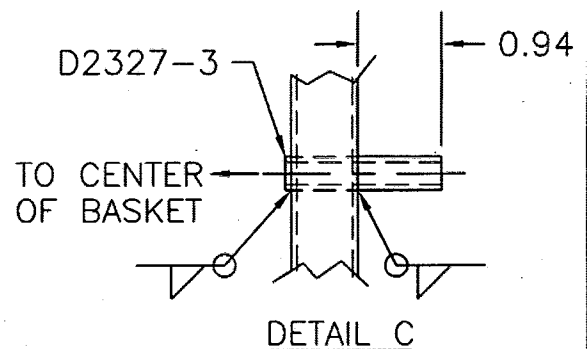
DESIGN BW	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2221	REV. F SHEET 3 OF 3
DATE 05.06.07		TITLE BASKET BASE ASSEMBLY (350)	SCALE 1:8



SECTION A-A SAME BOTH END RIBS

**UNDER REVIEW**

TUBING TO BE  
CHANGED TO 0.085  
WALL  
08.05.08



SECTION B-B SAME BOTH CENTER RIBS

**RELEASED**

05.08.19

Copyright © 1994 by DART AEROSPACE LTD

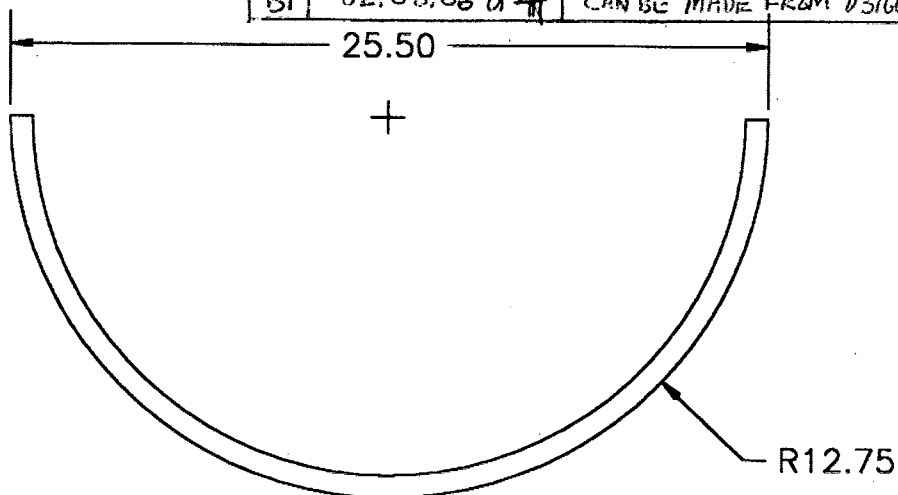
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



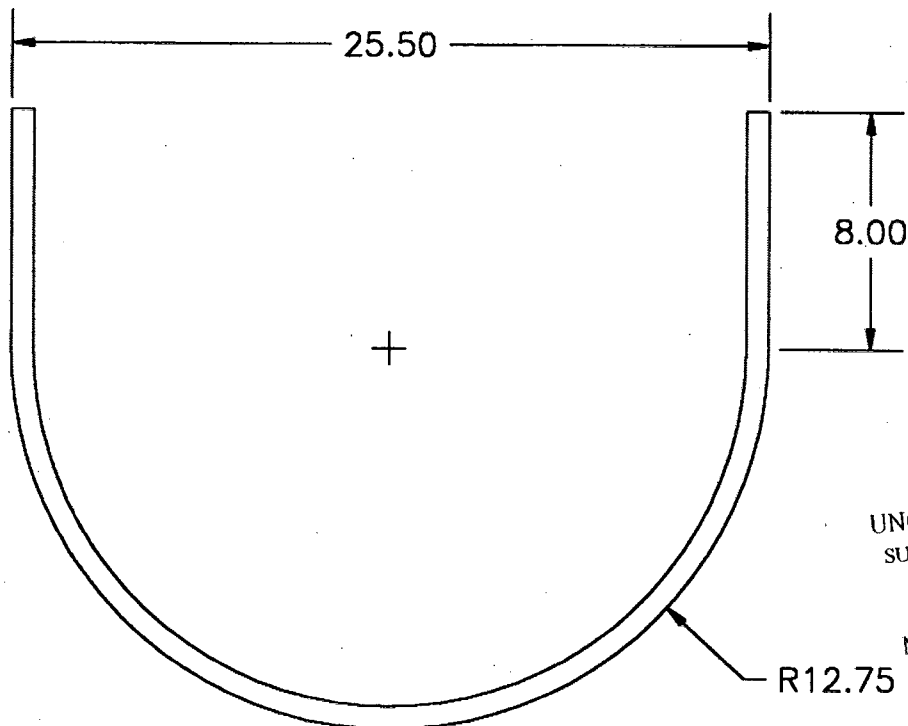


DESIGN	DRAWN BY	DART-AEROSPACE LTD	
B WILLIAMS	B WILLIAMS	VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. B
<i>BW</i>	<i>BW</i>	D2235	SHEET 1 OF 1
DATE	TITLE		SCALE
94:12:16	BASKET RIBS		
BI	02.08.06 <i>U-#</i>	CAN BE MADE FROM D3166-1	


RELEASED  
R 960507



D2235-1



D2235-3

CAN BE MADE FROM D3166-1   
MATERIAL: 304/316 SS, 3/4 X 3/4 X 0.063 WALL SQR.

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. *391320*